FIG. 1

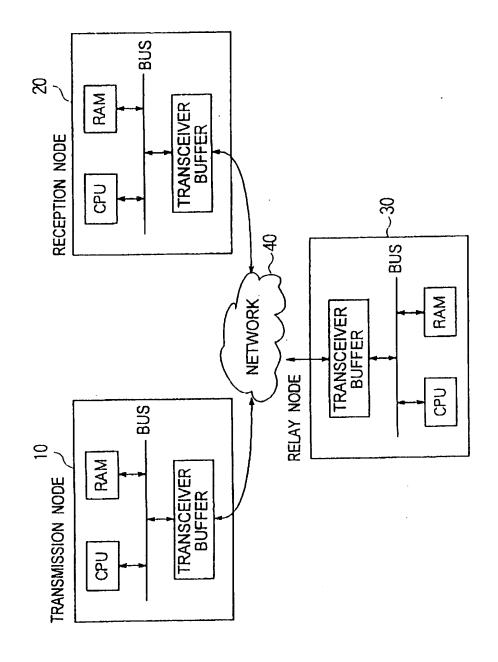


FIG. 2

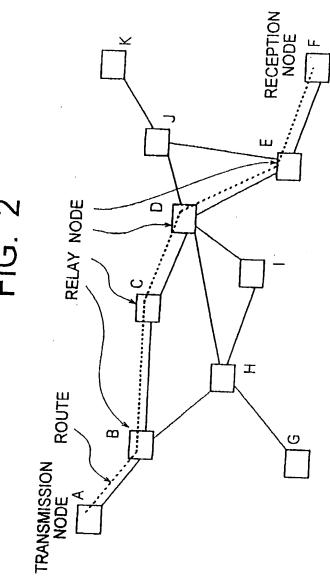


FIG. 3

PACKET IDENTIFIER	GUARANTEED BANDWIDTH
PA	100
РВ	150
:	
PY	120
PZ	200

FIG. 4A

() 3	4	7	8	15	16 18	19	31	(bit)
İ	Version	H Le	ength	T	os		Total Length		
		id	entif	ication		flags	Fragment Offset		
	T	TL		Protoco	d(=TCP)	1	leader Checksum		
		Source IP address							
ĺ				D	estination	IP addr	358		
Ì	S	ourc	в Ро	ort Num	ber	Des	tination Port Number		
						·			

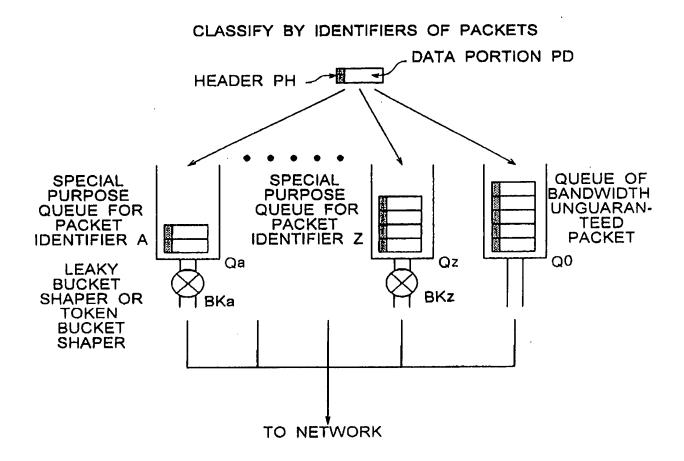
IPv₄ with TCP

FIG. 4B

) 3	3 4 11	12 15	16 23	3 24	31 (
Version	Class		Flow Label		
	Payload Length		Next Header	Hop Lim	it
-					
	;	Source II	P address		
	·				
					\dashv
	De	stination	IP address		
	•				-
S	Source Port Numb	oer	Destination	Port Number	
S	ource Port Numb	oer	Destination	Port Number	•

IPv6 with TCP

FIG. 5



TOKEN BUCKET

SHAPER

TRANSMIT PACKETS
IN SAME AMOUNT AS
AMOUNT INDICATED

BY TOKENS

FIG. 6A

LEAKY BUCKET TRANSMIT PACKETS
IN CONSTANT
AMOUNT PER TIME

FIG. 6B

GENERATE TOKENS
IN CONSTANT AMOUNT
PER UNIT TIME

FIG. 7

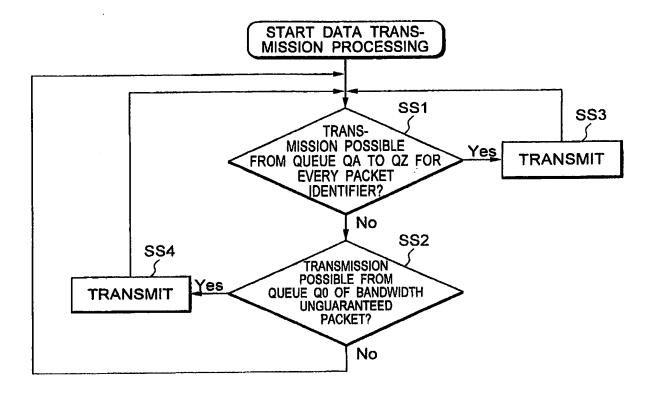


FIG. 8

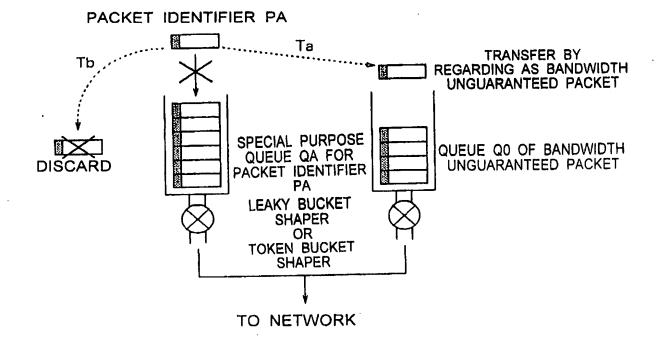


FIG. 9A

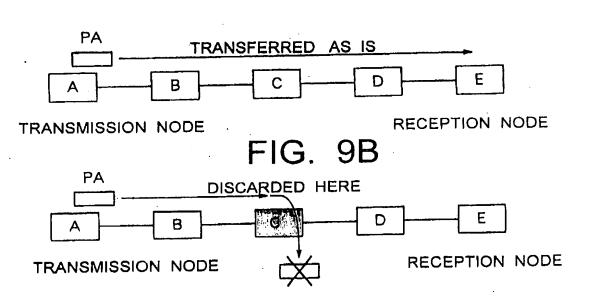


FIG. 10

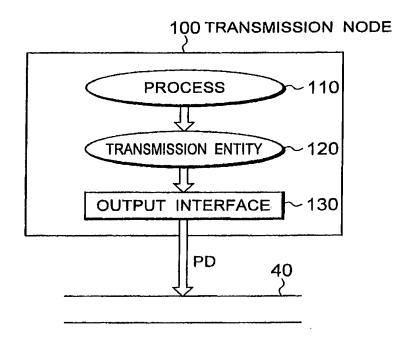


FIG. 11

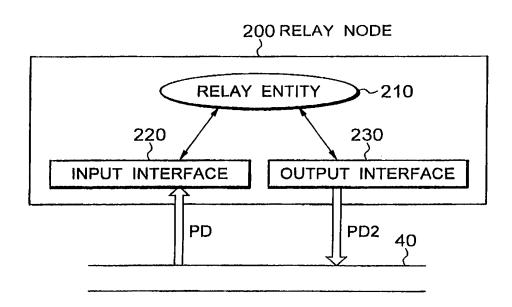


FIG. 12

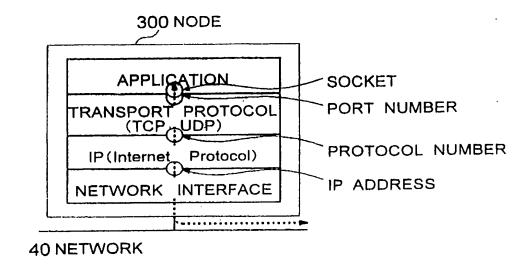


FIG. 13

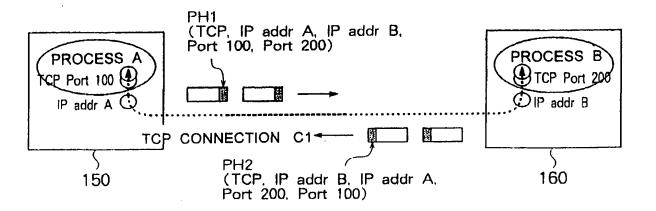


FIG. 14

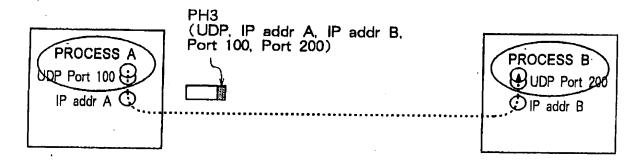


FIG. 15

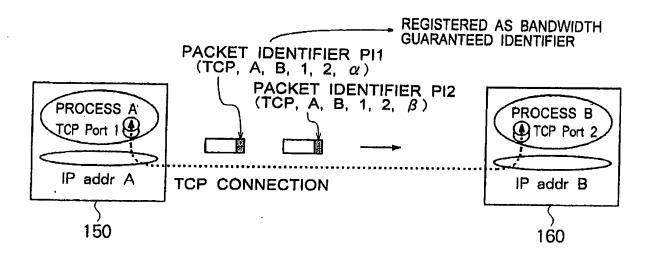


FIG. 16

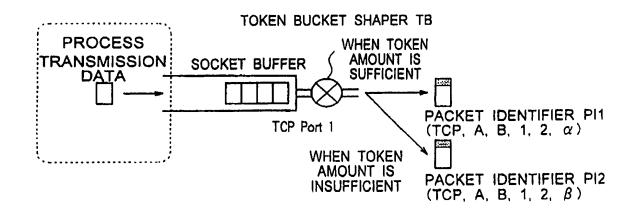


FIG. 17

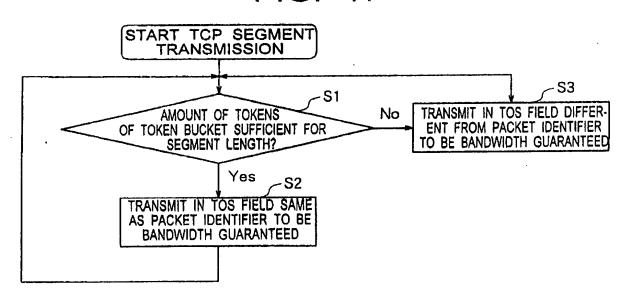


FIG. 18

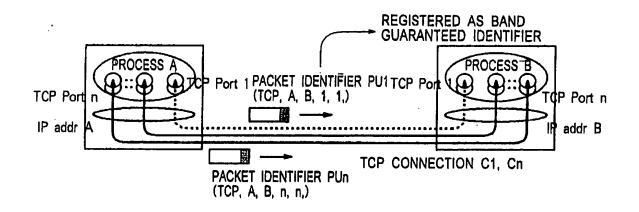


FIG. 19

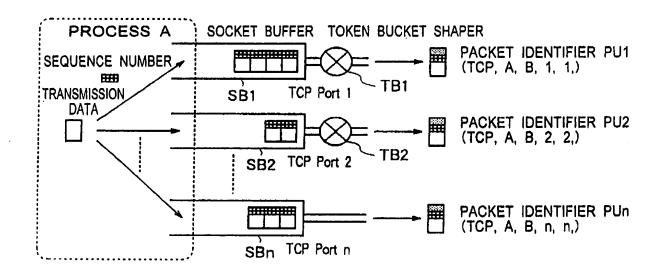


FIG. 20

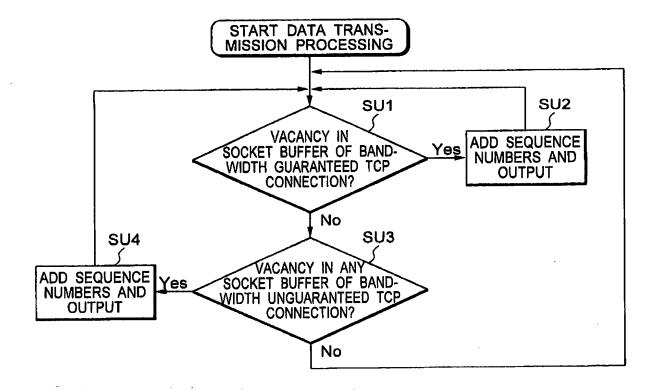


FIG. 21

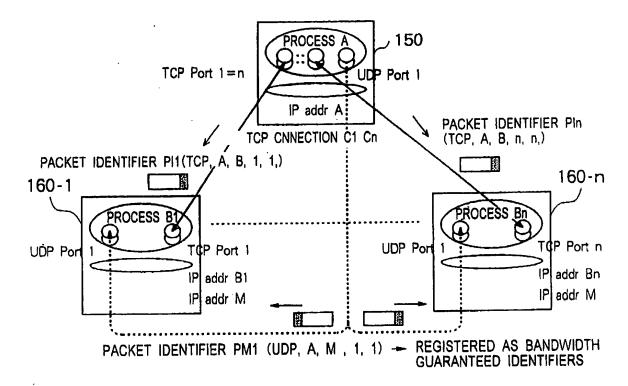


FIG. 22

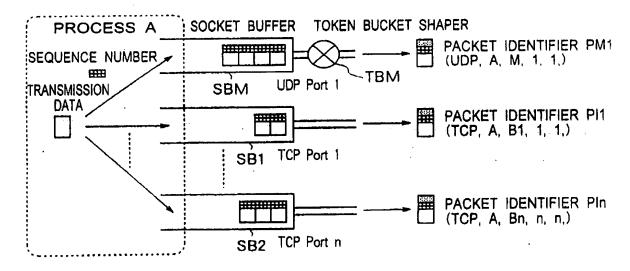


FIG. 23

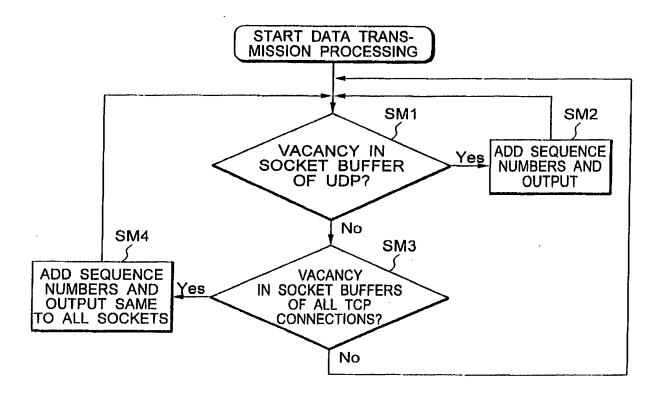


FIG. 24

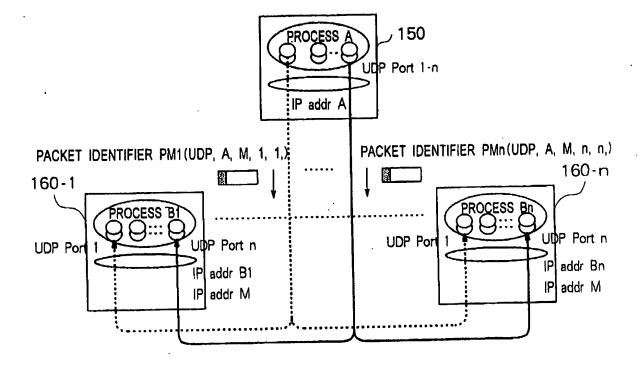


FIG. 25

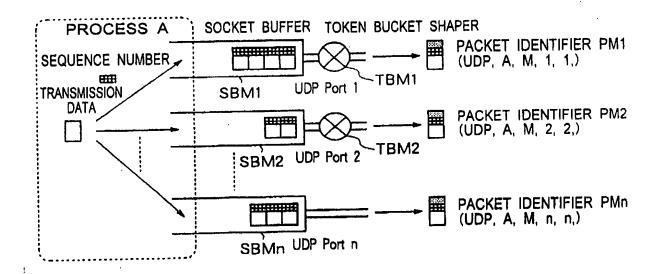


FIG. 26

